P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014 Time Report Requested: 13:04:52

First Dose M/F: NA / NA

Lab: NA

C Number: C61983A

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Date Report Requested: 10/24/2014 Time Report Requested: 13:04:52

First Dose M/F: NA / NA

Lab: NA

MALE

| Treatment Groups | Albumin g per dL | ALT IU per L | Creatine Kinase IU per L | Creatinine U per L | GGT U PER L | SDH IU per L |
|---------------------|---------------------|-----------------|-----------------------------|-----------------------|----------------|-----------------|
| | | | Day 91 | | | |
| 0 ppm | 4.8 ± 0.5 | 30 ± 3.2 | 175.2 ± 114.8 | 0.6 ± 0.1 | 2.3 ± 2.1 | 20.1 ± 4.7 |
| 33 ppm | 4.7 ± 0.3 | 33.7 ± 3.8 | 236.4 ± 129.9 | 0.6 ± 0.2 | 1.7 ± 0.7 | 20.7 ± 6.3 |
| 100 ppm | 4.7 ± 0.4 | 30.8 ± 2.3 | 219.9 ± 117.4 | 0.6 ± 0.2 | 1.8 ± 0.8 | 19.1 ± 4.3 |
| 330 ppm | 4.7 ± 0.4 | 32.6 ± 6.6 | 226.8 ± 169.8 | 0.7 ± 0.1 | 2.3 ± 0.5 | 18 ± 3.4 |
| 1000 ppm | 4.9 ± 0.2 | 22.1 ± 2.4** | 225.8 ± 101.1 | 0.6 ± 0.1 | 2.3 ± 1.3 | 19.2 ± 5.2 |
| 3300 ppm | 4.9 ± 0.4 | 10.6 ± 4.6** | 215.9 ± 154.7 | 0.6 ± 0.1 | 2.5 ± 1 | 18.4 ± 5.3 |

^{*}p < 0.05

^{**}p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

Date Report Requested: 10/24/2014 Time Report Requested: 13:04:52

First Dose M/F: NA / NA

Lab: NA

MALE

| Treatment Groups | Albumin g per dL | ALT IU per L | Creatine Kinase IU per L | Creatinine U per L | GGT U PER L | SDH IU per L |
|---------------------|---------------------|-----------------|-----------------------------|-----------------------|----------------|-----------------|
| | | | Day 3 | | | |
| 0 ppm | 4.8 ± 0.5 | 30 ± 3.2 | 175.2 ± 114.8 | 0.6 ± 0.1 | 2.3 ± 2.1 | 20.1 ± 4.7 |
| 33 ppm | 4.7 ± 0.3 | 33.7 ± 3.8 | 236.4 ± 129.9 | 0.6 ± 0.2 | 1.7 ± 0.7 | 20.7 ± 6.3 |
| 100 ppm | 4.7 ± 0.4 | 30.8 ± 2.3 | 219.9 ± 117.4 | 0.6 ± 0.2 | 1.8 ± 0.8 | 19.1 ± 4.3 |
| 330 ppm | 4.7 ± 0.4 | 32.6 ± 6.6 | 226.8 ± 169.8 | 0.7 ± 0.1 | 2.3 ± 0.5 | 18 ± 3.4 |
| 1000 ppm | 4.9 ± 0.2 | 22.1 ± 2.4** | 225.8 ± 101.1 | 0.6 ± 0.1 | 2.3 ± 1.3 | 19.2 ± 5.2 |
| 3300 ppm | 4.9 ± 0.4 | 10.6 ± 4.6** | 215.9 ± 154.7 | 0.6 ± 0.1 | 2.5 ± 1 | 18.4 ± 5.3 |

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

^{*}p < 0.05

^{**}p < 0.01

Date Report Requested: 10/24/2014 Time Report Requested: 13:04:52

First Dose M/F: NA / NA

Lab: NA

FEMALE

| Treatment Groups | Albumin g per dL | ALT IU per L | Creatine Kinase IU per L | Creatinine U per L | GGT U PER L | SDH IU per L | |
|---------------------|---------------------|-----------------|-----------------------------|-----------------------|----------------|-----------------|--|
| Day 91 | | | | | | | |
| 0 ppm | 5.1 ± 0.2 | 27.9 ± 4.9 | 185.6 ± 125.2 | 0.6 ± 0.1 | 1.8 ± 0.6 | 18 ± 5.1 | |
| 33 ppm | 4.5 ± 1.2 | 35.5 ± 8.1 | 213.5 ± 187.8 | 0.6 ± 0.1 | 3.2 ± 1.1 | 16.3 ± 2.4 | |
| 100 ppm | 5 ± 0.4 | 28.6 ± 5.8 | 160.3 ± 86 | 0.6 ± 0.2 | 1.8 ± 0.8 | 14.6 ± 2.3 | |
| 330 ppm | 5 ± 0.2 | 23.8 ± 4 | 177.6 ± 53.1 | 0.7 ± 0.1 | 3.4 ± 1.1 | 17.2 ± 3.1 | |
| 1000 ppm | $4.8 \pm 0.2^*$ | 18.2 ± 3** | 175.7 ± 93.7 | 0.6 ± 0.1 | 2.6 ± 0.7 | 15.8 ± 2.7 | |

^{*}p < 0.05

^{**}p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

Date Report Requested: 10/24/2014 Time Report Requested: 13:04:52

First Dose M/F: NA / NA

Lab: NA

FEMALE

| Treatment Groups | Albumin g per dL | ALT IU per L | Creatine Kinase IU per L | Creatinine U per L | GGT U PER L | SDH IU per L |
|---------------------|---------------------|-----------------|-----------------------------|-----------------------|----------------|-----------------|
| | | | Day 3 | | | |
| 0 ppm | 5.1 ± 0.2 | 27.9 ± 4.9 | 185.6 ± 125.2 | 0.6 ± 0.1 | 1.8 ± 0.6 | 18 ± 5.1 |
| 33 ppm | 4.5 ± 1.2 | 35.5 ± 8.1 | 213.5 ± 187.8 | 0.6 ± 0.1 | 3.2 ± 1.1 | 16.3 ± 2.4 |
| 100 ppm | 5 ± 0.4 | 28.6 ± 5.8 | 160.3 ± 86 | 0.6 ± 0.2 | 1.8 ± 0.8 | 14.6 ± 2.3 |
| 330 ppm | 5 ± 0.2 | 23.8 ± 4 | 177.6 ± 53.1 | 0.7 ± 0.1 | 3.4 ± 1.1 | 17.2 ± 3.1 |
| 1000 ppm | $4.8 \pm 0.2^*$ | 18.2 ± 3** | 175.7 ± 93.7 | 0.6 ± 0.1 | 2.6 ± 0.7 | 15.8 ± 2.7 |

^{*}p < 0.05

^{**}p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

P41: Terminal Sacrifice Clinical Chemistry Data

Experiment Number: 05160-01 Date Report Requested: 10/24/2014 Species/Strain: Rat/Fischer 344 Time Report Requested: 13:04:52

First Dose M/F: NA / NA

Lab: NA

** END OF REPORT **

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.